

~~CLAIMS~~

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- 5 (1) An electroluminescent device having a structure comprising a light-emitting layer composed of at least an organic polymer and disposed between an anode and a cathode, wherein the electroluminescent device comprises a thin-film layer disposed at least at a position between the light-emitting layer and the anode, and between the light-emitting layer and the cathode, the thin-film layer suppressing unnecessary current which does not contribute to light emission.
- 10 (2) An electroluminescent device according to Claim 1, wherein the organic polymer performs light emission in the wavelength range of 400 nm to 600 nm.
- (3) An electroluminescent device according to Claim 1 or Claim 2, wherein the thin-film layer is disposed between the cathode and the light-emitting layer.
- 15 (4) An electroluminescent device according to one of Claims 1, 2, and 3, wherein the thin-film layer is composed of at least one material selected from the group consisting of a fluoride of an oxide of an alkali metal; a fluoride of an oxide of an alkaline earth metal; and a fluoride of an oxide of a group III element in the periodic table.
- (5) An electroluminescent device according to Claim 1 or Claim 2, wherein the thin-film layer is disposed between the anode and the light-emitting layer.
- 20 (6) An electroluminescent device according to Claim 1 or Claim 2, further comprising a hole injection layer or a buffer layer having electrical conductivity, the thickness thereof being not less than 100 nm, disposed between the light-emitting layer and the anode.
- (7) An electroluminescent device according to Claim 1 or Claim 2, wherein the organic polymer comprises polyfluorene or a derivative thereof.
- (8) An electroluminescent device according to Claim 1 or Claim 2, wherein the organic polymer comprises poly(p-phenylenevinylene) or a derivative thereof.
- 25 (9) An electroluminescent device according to Claim 1 or Claim 2, wherein the degree of

polymerization of the organic polymer is at least two.

(10) An electroluminescent device according to Claim 1 or Claim 2, wherein the light-emitting layer is formed by depositing a plurality of light-emitting material layers.

(11) An electroluminescent device according to Claim 1 or Claim 2, wherein the light-emitting layer composed of the organic polymer is formed by a printing method.

(12) An electroluminescent device according to Claim 11, wherein the printing method is an ink-jet method.

(13) An electroluminescent device having a structure comprising a light-emitting layer composed of at least an organic polymer between an anode and a cathode, wherein the electroluminescent device comprises a layer composed of a fluoride of an alkali metal, an alkaline earth metal, or a group III element in the periodic table, the layer being disposed at least at a position between the light-emitting layer and the anode, and between the light-emitting layer and the cathode.

(14) An electroluminescent device according to Claim 13, wherein the fluoride is lithium fluoride.